



RECEIVED

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TECH CENTER 1600/2900

SEQUENCE LISTING

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<120> PEPTIDES FOR THE PRODUCTION OF PREPARATIONS FOR THE DIAGNOSIS AND
THERAPY OF AUTOIMMUNE DISEASES

<130> 44011-010700

<140> 09/988,165

<141> 2001-11-19

<150> 07/946,180

<151> 1992-09-16

<160> 32

<170> PatentIn version 3.2

<210> 1

<211> 25

<212> PRT

<213> Homo sapiens

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1 5 10 15

Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

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<213> Homo sapiens

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Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys Lys
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Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys Arg Ser
20 25 30

Glu Lys Glu
35

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Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro Asp
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Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe Val Asn
20 25 30

Asp Ile Phe Glu Arg Ile Ala Gly Glu
35 40

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Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

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Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

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Ala Lys Lys Ala Ala Pro Lys Lys Lys
20 25

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1 5 10 15

Pro Lys Ala Ala Ala Lys Lys Lys
20 25

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Ala Lys Lys Ala Ala Ala Lys Lys Lys
20 25

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Pro Lys Ala Lys Lys Ala Ala Ala Lys Lys Ala
20 25

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Ala Pro Ala Ala Pro Ala Ala Ala Pro Pro Ala Glu Lys Thr Pro Val
1 5 10 15

Lys Lys Lys Ala Ala Lys Lys Pro Ala Gly Ala
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<210> 11

<211> 21

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<400> 11

Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala Ala
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Gly Tyr Asp Val Glu
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<210> 12

<211> 20

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<400> 12

Thr Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala
1 5 10 15

Ala Ser Gly Glu
20

<210> 13
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<212> PRT
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<400> 13

Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys Ser Leu Val Ser Lys
1 5 10 15

Gly Thr Leu Val Glu Thr Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys
20 25 30

Leu Asn Lys Lys Ala Ala Ser Gly Glu
35 40

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Ala Leu Ala Ala Ala Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile
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Lys Leu Gly Leu Lys Ser Leu Val Ser Lys Gly Thr Leu Val Glu Thr
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Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala Ala
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Ser Gly Glu
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Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala Ala
1 5 10 15

Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys
20 25 30

Ser Leu Val Ser Lys Gly Thr Leu Val Glu Thr Lys Gly Thr Gly Ala
35 40 45

Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala Ala Ser Gly Glu
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Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

<210> 17
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20 25 30

Glu Lys Glu
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Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro Asp
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Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe Val Asn
20 25 30

Asp Ile Phe Glu Arg Ile Ala Gly Glu
35 40

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<400> 19

Ala Ser Arg Leu Ala His Tyr Asn Lys Arg Ser Thr Ile Thr Ser Arg
1 5 10 15

Glu

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Ile Gln Thr Ala Val Arg Leu Leu Leu Pro Gly Glu
1 5 10

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Leu Ala Lys His Ala Val Ser Glu
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Gly Thr Lys Ala Val Thr Lys Tyr Thr Ser Ser Lys
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Ala Val Thr Lys Ala
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Ala Lys Ser Ala Pro Ala Pro Lys
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<212> PRT

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<400> 25

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Arg Ser Ser Arg Ala Gly
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 <212> PRT
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 1 5 10 15
 Arg Ser Ser Arg Ala Gly Leu Gln Phe Pro Val Gly Arg Val His Arg
 20 25 30
 Leu Leu Arg Lys Gly Asn Tyr Ala Glu Arg Val Gly Ala Gly Ala Pro
 35 40 45
 Val Tyr Leu Ala Ala Val Leu Glu Tyr Leu Thr Ala Glu Leu Leu Glu
 50 55 60
 Leu Ala Gly Asn Ala Ala Arg Asp Asn Lys Lys Thr Arg Ile Ile Pro
 65 70 75 80
 Arg His Leu Gln Leu Ala Ile Arg Asn Asp Glu Glu Leu Asn Lys Leu
 85 90 95
 Leu Gly Lys Val Thr Ile Ala Gln Gly Gly Val Leu Pro Asn Ile Gln
 100 105 110
 Ala Val Leu Leu Pro Lys Lys Thr Glu Ser His His Lys Ala Lys Gly
 115 120 125

Lys

<210> 27
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<400> 27

Lys Pro Lys Ala Ala
 1 5

<210> 28
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 <212> PRT
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Lys Pro Lys Lys Ala
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<210> 29
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<212> PRT
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Lys Ala Lys Lys Ala
1 5

<210> 30
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Ala Pro Lys Lys Lys
1 5

<210> 31
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Ala Ala Lys Lys Lys
1 5

<210> 32
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Ala Xaa Lys Lys Lys
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